

What we claim is:

1. A process for making a heterologous, non-bacterial polypeptide or an intermediate therefore in yeast comprising (i) culturing a yeast strain comprising a polynucleotide sequence encoding the desired polypeptide or an intermediate therefore under suitable culture conditions, wherein the polynucleotide sequence encoding the desired polypeptide or its intermediate is under transcriptional control of a yeast CIT1 promoter or a functional part or variant thereof; and (ii) isolating the expressed product.
2. A process according to claim 1, wherein the CIT1 promoter consists of all or part of the nucleotide sequence of SEQ ID NO:1.
3. A process according to claim 1, wherein the CIT1 promoter consists of all or part of the nucleotide sequence from 10 to 722 of SEQ ID NO:1.
4. A process according to claim 1, wherein the CIT1 promoter consists of all or part of the nucleotide sequence from position 150 to 722 of SEQ ID NO:1.
5. A process according to claim 1 wherein the promoter consists of all or part of the nucleotide sequence from position 150 to 530 of SEQ ID NO:1.
6. A process according to claim 1, wherein the expressed polypeptide is isolated from the culture medium.
7. A process according to claim 1, wherein the heterologous polypeptide is an insulin precursor.
8. A process according to claim 1, wherein the heterologous polypeptide is GLP-1(7-37).
9. A process according to claim 1, wherein the heterologous polypeptide is GLP-1(7-37)Arg34.
10. A process according to claim 1 being a batch process.
11. A polynucleotide construct comprising a polynucleotide sequence encoding a non-bacterial polypeptide or an intermediate therefore and a DNA sequence encoding a CIT1 yeast promoter or a functional part or variant thereof.
12. A polynucleotide construct according to claim 11, wherein the promoter consists of all or part of the nucleotide sequence of SEQ ID NO:1.
13. A polynucleotide construct according to claim 11, wherein the promoter consists of all or part of the nucleotide sequence from 10 to 722 of SEQ ID NO:1.
14. A polynucleotide construct according to claim 11, wherein the promoter consists of all or part of the nucleotide sequence from position 150 to 722 of SEQ ID NO:1.
15. A polynucleotide construct according to claim 11, wherein the promoter consists of all or part of the nucleotide sequence from position 150 to 530 of SEQ ID NO:1.

16. A polynucleotide construct according to claim 11 furthermore comprising a leader sequence for secretion of the expressed polypeptide.
17. A yeast expression vector comprising in proper reading frame (a) a polynucleotide sequence comprising a CIT1 yeast promoter or a functional part or variant thereof, (b) a polynucleotide sequence encoding a non-bacterial polypeptide or an intermediate therefore, (c) a suitable leader sequence and (d) a possible transcription terminator sequence.
18. Yeast cells transformed with a polynucleotide construct according to claim 11.
19. Yeast cells transformed with a vector according to claim 18.

Figure 1: Schematic representation of the yeast expression vector according to claim 17. The vector is a circular plasmid containing the CIT1 yeast promoter (P_{CIT1}), a multiple cloning site (MCS), a suitable leader sequence (L), a polynucleotide sequence encoding a non-bacterial polypeptide (P), and a possible transcription terminator sequence (T).